



An Informative Two-hour Workshop:

Avoiding Electrocution in Construction: High Voltage Safe Work Practices

1 *Who Should Attend . . .*

This workshop is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA)

2 *Why You Need This Workshop . .*

- ▶ To reduce disabling injuries and illnesses to employees - and to ensure that every worker goes home safe and healthy every day.
- ▶ To reduce the high costs of work-related injuries. Nationally, employers spent an estimated 50.8 billion on wage payments and medical care for workers hurt on the job. (*Liberty Mutual Safety Index 2005*) This is only a portion of the total costs of work-related injuries. Indirect costs such as overtime, training and lost productivity can also burden employers.
- ▶ To enhance your company's bottom line. A strong safety and health commitment not only protects workers, it also reduces workers compensation costs, improves employee morale, and increases production and quality.

3 *What You'll Learn . . .*

Electrocutions are the second leading cause of fatalities in construction nationally. In Michigan (2003) they were the number one cause of construction fatalities. This program will explain and illustrate safety practices the electrical industry itself uses before performing work on energized overhead lines. Emphasized will be the importance of recognizing and eliminating hazards so as to avoid the possibility of any contact with energized lines. Covered in the program: standards that apply to energized line clearances; what constitutes fatal amount of current; how to determine voltages and when overhead lines need to be de-energized.

Agenda

*We offer a flexible
program agenda
to emphasize the
construction
topics you
want most.*

- ▶ Standards That Apply To Energized Line Clearances
- ▶ What Constitutes Fatal Amount Of Current
- ▶ How To Determine Voltages
- ▶ When Overhead Lines Need To Be De-energized.

All meetings are accessible and barrier free. Please contact the cosponsor or the CET Division, at least two weeks in advance, to request necessary accommodations.

Facilitator

Tom Swindlehurst is a Construction Safety Consultant in the Consultation Education and Training Division of MIOSHA with over 40 years experience in the construction industry. He began his State service in 1989 with the construction enforcement division and transferred to the CET Division in 1995 as an on-site consultant performing hazard surveys. In 2001, he moved to his current position where he focuses on consultation and training for employers and employees.

Tom has authored many articles on construction safety and has presented at hundreds of training sessions for both management and labor in the construction field. He has a Bachelor's degree in Supervision and Management from Central Michigan University and is a Vietnam veteran. His passion and commitment to safety are a result of his own personal experiences during his many years in the construction industry.



Tom Swindlehurst
*Construction Safety Consultant,
MIOSHA, CET Division*

Program Details

DATE: Thursday, February 22, 2007

LOCATION: Northwestern Michigan College
Aero Park Campus, Room 101
2600 Aero Park Drive
Traverse City, Michigan

COST: \$30 per person.
Includes course materials.

TIME: Check-in - 5:30 p.m.
Program - 6:00 p.m. to 8:00 p.m.

DEADLINE: Register for either workshop by February 21, 2007
Please register early!

CONTACT: Extended Educational Services at 231.995.1700
or ees@nmc.edu

COSPONSOR: *Northwestern Michigan College*

If this valuable seminar doesn't fit with your schedule or position, please pass this flyer on to a colleague.

How to Register

Avoiding Electrocution in Construction:
High Voltage Safe Work Practices
February 22, 2007 (Class 8876)

Complete form at right and enclose payment to register by:

► **Phone:** 231.995.1700

► **Fax:** 231.995.1708

► **Email:** ees@nmc.edu

► **Mail:** Northwestern Michigan College -EES
1701 E. Front Street
Traverse City, MI 49686

► **Payment Options:**

Check (Payable to NMC) or Credit Card

Name: _____

Company Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____

Number Attending: _____ @ \$30 each = \$ _____

Credit Card # : _____ Exp. Date: _____

VISA ☐ MC ☐ Disc ☐ Signature: _____

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